L Number	Hits	Search Text	DB	Time stamp
-	1	("4750028").PN.	USPAT	2002/01/14 11:55
-	2	jp-02142184-\$.did.	USPAT;	2002/01/14 11:57
			US-PGPUB;	
]			EPO; JPO;	
1			DERWENT;	
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-	1	de-19604043-\$.did.	USPAT;	2002/01/14 11:57
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	(("4573066") or ("4633292")).PN.	USPAT	2002/01/14 11:57
-	2	jp-08078661-\$.did.	USPAT;	2002/01/14 11:57
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	jp-01272152-\$.did.	USPAT;	2002/01/14 13:55
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		(	IBM_TDB	2002/04/11 12 22
-	2	(("4573066") or ("4633292")).PN.	USPAT	2002/01/14 12:00
-	502	magnetoresistor	USPAT;	2002/01/14 13:55
	,		US-PGPUB;	
	!		EPO; JPO;	
			DERWENT;	
	40	,	IBM_TDB	2002/04/44/42:55
-	12775	magnetoresist\$4	USPAT;	2002/01/14 13:55
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM_TDB	
	5	magnetoresist\$4 and (vertical\$2 adj power\$2 adj	USPAT;	2002/01/14 13:59
-	) 3	transistor\$1 IGBT)	US-PGPUB;	2002/01/17 13.33
		adisision at 1001)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	0	magnetoresist\$4 and (Float\$3 near guard\$3 near ring\$1)	USPAT;	2002/01/14 15:45
]		magnetoresisty and (nodtys near gadrays near imgst)	US-PGPUB;	2302,02,1113.13
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	42	Float\$3 near guard\$3 near ring\$1	USPAT;	2004/06/18 10:51
	'-	The state of the s	US-PGPUB;	, , ,
			EPO; JPO;	
		,	DERWENT;	
			IBM_TDB	
-	4	space adj charge adj zone adj stop\$3	USPAT;	2002/01/15 09:29
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	(resist\$5 near edge with voltag\$2) and magnetoresist\$4	USPAT;	2002/01/14 14:24
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

-	85	resist\$5 near edge with voltag\$2	USPAT;	2002/01/14 14:32
		· -	US-PGPUB;	
1			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	8064	magneto adj resist\$4	USPAT;	2002/01/14 14:34
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3	(magneto adj resist\$4) and ("42")	USPAT;	2002/01/14 14:35
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	
			IBM_TDB	:
•	0	(magneto adj resist\$4) and (Float\$3 near guard\$3 near	USPAT;	2002/01/14 14:35
		ring\$1)	US-PGPUB;	
		- · · · · 3	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	295	(257/170,490,495).CCLS.	USPAT	2002/01/14 15:40
-	495	(257/170,490,495).CCLS.	USPAT;	2003/01/28 10:49
			US-PGPUB;	, .
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	1	(magnetoresist\$4 (magneto adj resist\$4)) and	USPAT	2002/01/14 15:43
		(("257/170,490,495").CCLS.)		
_	1	(magnetoresist\$4 (magneto adj resist\$4)) and	USPAT;	2002/01/14 15:44
		(("257/170,490,495").CCLS.)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	1149	(257/487-496).CCLS.	USPAT;	2002/01/14 15:44
			US-PGPUB;	
	İ		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	(magnetoresist\$4 (magneto adj resist\$4)) and	USPAT;	2002/01/14 15:45
		(("257/487-496").CCLS.)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	(magnetoresist\$4 (magneto adj resist\$4)) and (Float\$3 with	USPAT;	2002/01/14 15:46
		guard\$3)	US-PGPUB;	
-			EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
_	754	Float\$3 with guard\$3	USPAT;	2002/01/14 15:46
			US-PGPUB;	
1	1		EPO; JPO;	
			DERWENT;	
		,	IBM_TDB	
-	306	(magnetoresist\$4 (magneto adj resist\$4)) and (257/\$	USPAT	2002/01/14 15:47
1		438/\$)	l	
	1			
-	0	6274904.URPN.	USPAT	2002/01/14 15:50
-	3	("4370180"   "5164325"   "6037631").PN.	USPAT	2002/01/14 15:50
-	2	("4963951"   "5920087").PN.	USPAT	2002/01/14 16:09
-	0	6236068.URPN.	USPAT	2002/01/14 16:09
-	4	5920087.URPN.	USPAT	2002/01/14 16:10
-	21	4963951.URPN.	USPAT	2002/01/14 16:11

- 21 | 4963951.URPN. Search History 7/17/04 3:18:33 PM Page 2

-	12	("3697830"   "4199774"   "4300150"   "4364073"	USPAT	2002/01/14 16:18
1		"4409606"   "4443931"   "4503598"   "4529456"		
1	_	"4532534"   "4587713"   "4609929"   "4639761").PN.		
-	0	6236068.URPN.	USPAT	2002/01/14 16:12
-	2	("4963951"   "5920087").PN.	USPAT	2002/01/14 16:12
-	346	((magnetoresist\$4 (magneto adj resist\$4)) and (257/\$	USPAT	2002/01/14 16:20
		438/\$)		
1		) 6274904.URPN. (("4370180"   "5164325"		
		"6037631").PN.) (("4963951"   "5920087").PN.)		
1		6236068.URPN. 5920087.URPN. 4963951.URPN.		
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		"4409606"   "4443931"   "4503598"   "4529456"		
		"4532534"   "4587713"   "4609929"   "4639761").PN.)		
	_	6236068.URPN. (("4963951"   "5920087").PN.)	LICDAT	2002/01/14 16:52
-	2	de-4410354-\$.did.	USPAT;	2002/01/14 16:52
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	F0	42001E0 LIDDN	IBM_TDB USPAT	2002/01/14 17:02
-	58	4300150.URPN.	1	
-	1 50	"4190850".PN.	USPAT USPAT	2002/01/14 17:02   2002/01/14 17:02
-	58	4300150.URPN.   "4190850".PN.	USPAT	2002/01/14 17:02
-	1 59	4300150.URPN. "4190850".PN. 4300150.URPN.	USPAT	2002/01/14 17:02
-	39	4300130.0RPN: 4190830 .PN: 4300130.0RPN:   "4190850".PN:	USPAT	2002/01/13 03.13
	11	damage adj implanted adj region	USPAT;	2002/01/15 09:27
-	11	damage adjumplanted adjueglon	US-PGPUB;	2002/01/13 03.27
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	1	("5521105").PN.	USPAT	2002/01/15 09:30
_	16	"4609929"	USPAT	2002/01/15 09:31
_	1	("4609929").PN.	USPAT	2002/01/15 09:32
_	Ī	("vertical adj power adj transistor").PN.	USPAT	2002/01/15 09:32
_	85	vertical adj power adj transistor	USPAT;	2002/01/15 09:40
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1	6037631.URPN.	USPAT	2002/01/15 09:33
-	3	("5008725"   "5723890"   "5757046").PN.	USPAT	2002/01/15 09:33
-	1	("5930630").PN.	USPAT	2002/01/15 09:40
-	2	5930630.URPN.	USPAT	2002/01/15 09:56
-	5	("5119153"   "5250449"   "5286586"   "5460986"	USPAT	2002/01/15 09:56
		"5663079").PN.		
-	1	("6236068").PN.	USPAT	2002/01/15 10:13
-	2	5646431.URPN.	USPAT	2002/01/15 10:08
-	11	("4300150"   "4717679"   "4777521"   "4990982"	USPAT	2002/01/15 10:08
		"5019522"   "5023678"   "5089871"   "5258636"		
		"5294824"   "5311051"   "5378912").PN.		2002/04/55 40 44
-	4	(("5521105") or ("4300150") or ("5347155") or	USPAT	2002/01/15 10:14
		("4609929")).PN.	LICEAT	2002/04/27 44 24
-	4	5521105.URPN.	USPAT	2003/01/27 14:34
-	8	("4300150"   "4717679"   "4777521"   "4990982"	USPAT	2002/05/22 15:39
	_	"5019522"   "5258636"   "5311051"   "5378912").PN.	LICDAT	2002/01/45 40:42
-	3	5347155.URPN.	USPAT	2002/01/15 10:13
-	4	("4300150"   "4422089"   "4943835"   "5034790").PN.	USPAT	2002/01/15 10:14
-	15	4609929.URPN.	USPAT	2002/01/15 10:14
-	3	("4048649"   "4300150"   "4344081").PN.	USPAT USPAT	2002/01/15 10:14
1 -	58	4300150.URPN.	USPAT	2002/01/15 10:14 2002/01/15 10:14
L	1_	"4190850".PN.	USPAT	2002/01/15 10:14

-	79	(5521105.URPN. (("4300150"   "4717679"   "4777521"	USPAT	2002/01/15 10:59
		"4990982"   "5019522"   "5258636"   "5311051"     "5378912").PN.) 5347155.URPN. (("4300150"   "4422089"		
		"4943835"   "5034790").PN.) 4609929.URPN. (("4048649"		
		"4300150"   "4344081").PN.) 4300150.URPN.		
1		"4190850".PN.) NOT (((("5521105") or ("4300150") or		
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-	2	5883413.URPN.	USPAT	2002/01/15 10:37
-	3	("4300150"   "4989058"   "5635742").PN.	USPAT	2002/01/15 10:37
-	3133	IGBT	USPAT	2002/01/15 10:59
-	1092	IGBT and 257/\$	USPAT	2002/01/15 10:59
_	3 1	thumb adj wrestl\$3 ("6329919").PN.	USPAT USPAT	2002/01/15 12:35 2002/01/15 14:08
] -	2883	chrome with titanium	USPAT	2002/01/15 14:00
1 -	714	chrome with titanium with alloy\$1	USPAT	2002/01/15 14:10
-	2908	guard near ring\$1	USPAT	2002/05/22 15:48
-	1426	(guard near ring\$1) and (438/\$ 257/\$)	USPAT	2002/05/22 15:43
-	1424	guard adj ring\$1 and ((guard near ring\$1) and (438/\$	USPAT	2002/05/22 15:52
		257/\$))		
-	1	("4468686").PN.	USPAT	2002/05/22 15:49
-	497	(257/170,490,495).CCLS.	USPAT;	2002/05/22 15:51
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	146	quard adj ring\$1 and ((257/170,490,495).CCLS.)	IBM_TDB USPAT;	2002/05/23 08:39
-	140	guard adj filig\$1 and ((237/170,430,433).ccc3.)	US-PGPUB;	2002/03/23 00.33
			EPO; JPO;	
			DERWENT;	
			IBM_TDB '	
-	1	("5521105").PN.	USPAT	2002/05/23 08:39
-	2	guard adj ring\$1 and ((257/170,490,495).CCLS.) and ring\$1	USPAT;	2002/05/23 08:49
		with island\$1	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM_TDB	
	42	guard adj ring\$1 and ring\$1 with island\$1	USPAT;	2002/05/23 08:51
_	72	guaru auj migar anu migar wur isianuar	US-PGPUB;	2002/03/23 00.31
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	40	(guard adj ring\$1 and ring\$1 with island\$1) not (guard adj	USPAT;	2002/05/23 09:05
		ring\$1 and ((257/170,490,495).CCLS.) and ring\$1 with	US-PGPUB;	
		island\$1)	EPO; JPO;	
			DERWENT;	
_	13	DEBOY-GERALD DEBO-GREGORY-F	IBM_TDB USPAT;	2002/05/23 09:06
	13	DEDUT-GERALD DEDU-GREGORI-F	US-PGPUB;	2002/03/23 03.00
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	7	DEBOY-GERALD DEBO-GREGORY-F	US-PGPUB	2002/05/23 09:06
·-	6	DEBOY-GERALD DEBO-GREGORY-F	USPAT;	2002/05/23 09:07
			EPO; JPO;	
			DERWENT;	
		FF2440F LIDDN	IBM_TDB	2002/04/27 44:20
-	8	5521105.URPN.	USPAT; US-PGPUB;	2003/01/27 14:38
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
			<u>,</u>	

-	2	("5521105").PN.	USPAT;	2003/01/27 14:43
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	8	5521105.URPN.	USPAT	2003/01/27 14:39
_	8	("4300150"   "4717679"   "4777521"   "4990982"	USPAT	2003/01/27 14:39
		"5019522"   "5258636"   "5311051"   "5378912").PN.		, ,
_	1	("6462372").PN.	USPAT;	2003/01/27 14:59
	_	( · · · · · · · · · · · · · · · · · · ·	US-PGPUB;	
İ			EPO; JPO;	
			DERWENT;	
[			IBM_TDB	
	5	(("240E220") or ("4469696")\ DN		2002/01/29 00:15
-	3	(("3405329") or ("4468686")).PN.	USPAT;	2003/01/28 09:15
1			US-PGPUB;	
1			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1	inventive adj edge adj structure	USPAT;	2003/01/28 09:18
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	28	high adj voltage with edge adj structure	USPAT;	2003/01/28 09:18
	20	I mgh day volage war eage day structure	US-PGPUB;	2005,01,20 05.10
			EPO; JPO;	
			DERWENT;	
		(011-0-100-10-1-0-10-1	IBM_TDB	2002/04/20 40 40
-	529	(257/170,490,495).CCLS.	USPAT;	2003/01/28 10:49
			US-PGPUB;	-
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2991	edge with high near (volt voltage)	USPAT;	2003/01/28 10:51
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
l _	19	((257/170,490,495).CCLS.) and (edge with high near (volt	USPAT;	2003/06/23 15:11
_	15		US-PGPUB;	2003/00/23 13.11
		voltage))		
			EPO; JPO;	
			DERWENT;	
		500 4074 UDDN	IBM_TDB	2002/04/20 40 55
-	15	5324971.URPN.	USPAT	2003/01/28 10:55
-	6	("4492974"   "4567502"   "4707719"   "4831424"	USPAT	2003/01/28 10:55
		"5128730"   "5162966").PN.		
-	44	(US-4609929-\$ or US-5072268-\$ or US-5559348-\$ or	USPAT;	2003/06/23 10:48
		US-6274904-\$ or US-6037631-\$ or US-5510634-\$ or	EPO; JPO;	
		US-4414560-\$ or US-3999210-\$ or US-5128742-\$ or	DERWENT	
j	İ	US-5028548-\$ or US-6259085-\$ or US-5032878-\$ or		
		US-5324971-\$ or US-5382825-\$ or US-4532534-\$ or		
		US-4300150-\$ or US-5994189-\$ or US-5925910-\$ or		
	1 .	US-5917217-\$ or US-5610432-\$ or US-5920087-\$ or		
	1	US-6168983-\$ or US-6037632-\$ or US-5969400-\$ or		
		US-5519245-\$ or US-6236068-\$).did. or (US-6207994-\$ or		
		US-6242787-\$ or US-6252279-\$ or US-4963951-\$ or		1
			1	
		US-6110804-\$ or US-5883413-\$ or US-5294824-\$ or	1	
		US-5347155-\$ or US-5521105-\$ or US-5723895-\$ or		
		US-5646431-\$ or US-5583365-\$ or US-5023678-\$ or		
		US-5930630-\$).did. or (DE-19730328-\$).did. or	1	
		(JP-02113581-\$).did. or (US-6037631-\$ or		
		DE-19730328-\$).did.	L	

			<del>, </del>	
-	10	((US-4609929-\$ or US-5072268-\$ or US-5559348-\$ or	USPAT;	2003/06/23 10:54
		US-6274904-\$ or US-6037631-\$ or US-5510634-\$ or	US-PGPUB;	
		US-4414560-\$ or US-3999210-\$ or US-5128742-\$ or	EPO; JPO;	
		US-5028548-\$ or US-6259085-\$ or US-5032878-\$ or	DERWENT;	
		US-5324971-\$ or US-5382825-\$ or US-4532534-\$ or	IBM_TDB	
		US-4300150-\$ or US-5994189-\$ or US-5925910-\$ or		
		US-5917217-\$ or US-5610432-\$ or US-5920087-\$ or		
		US-6168983-\$ or US-6037632-\$ or US-5969400-\$ or		
		US-5519245-\$ or US-6236068-\$).did. or (US-6207994-\$ or		
		US-6242787-\$ or US-6252279-\$ or US-4963951-\$ or		
		US-6110804-\$ or US-5883413-\$ or US-5294824-\$ or		
		US-5347155-\$ or US-5521105-\$ or US-5723895-\$ or		
		US-5646431-\$ or US-5583365-\$ or US-5023678-\$ or		
		US-5930630-\$).did. or (DE-19730328-\$).did. or	İ	
		(JP-02113581-\$).did. or (US-6037631-\$ or	•	
		DE-19730328-\$).did.) and edge near2 (structure device)		
_	l o	(((257/170,490,495).CCLS.) and edge near2 (structure	USPAT;	2003/06/23 15:16
	"	device) ) and (magnetoresist\$4 same edge near2 (structure	US-PGPUB;	2003/00/23 13:10
		device))	EPO; JPO;	
		device) )	DERWENT;	
	İ			
		(439/#6 357/#6) and /magnatoresight 4	IBM_TDB	2002/06/22 15:17
-	6	(438/\$6 257/\$6) and (magnetoresist\$4 same edge near2	USPAT;	2003/06/23 15:17
		(structure device) )	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2002/06/22 47 40
-	43	((257/170,490,495).CCLS.) and edge near2 (structure	USPAT;	2003/06/23 17:10
		device)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2002/06/22 45:40
-	65506	magneto nearresist\$4 same edge near2 (structure device)	USPAT;	2003/06/23 15:19
			US-PGPUB;	
	,		EPO; JPO;	
			DERWENT;	
			IBM_TDB	2002/06/22 45-20
-	6	magneto near resist\$4 same edge near2 (structure device)	USPAT;	2003/06/23 15:20
			US-PGPUB;	
1			EPO; JPO;	
1			DERWENT;	
	30	magnetoregistal same edge para? (structure device)	IBM_TDB	2002/06/22 16:12
-	29	magnetoresist\$4 same edge near2 (structure device)	USPAT;	2003/06/23 16:12
			US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
	1 -	(/  240  220  ) *** (  440  00  1) PM	IBM_TDB	2002/06/22 46:42
-	6	(("3405329") or ("4468686")).PN.	USPAT;	2003/06/23 16:13
			US-PGPUB;	
	1		EPO; JPO;	
			DERWENT;	
	100	(ICDT mosfet near vertical) and adaptate (-twist-us	IBM_TDB	2002/05/22 17:24
-	198	(IGBT mosfet near vertical) and edge near2 (structure	USPAT;	2003/06/23 17:34
1	1	device)	US-PGPUB;	
ł	1		EPO; JPO;	
			DERWENT;	}
1		(UEOCO400U) DN	IBM_TDB	2004/01/20 10:20
-	3	("5969400").PN.	USPAT;	2004/01/20 10:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
L			IBM_TDB	

-	2	("5930630").PN.	USPAT;	2003/06/24 08:50
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	
			IBM_TDB	
-	3	("5969400").PN.	USPAT;	2004/01/20 10:36
ļ		( 0000 100 )	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	3	("5969400").PN.	USPAT;	2004/06/18 10:22
-	ا	( 3909400 ).PN.		2007/00/10 10.22
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	•
			IBM_TDB	2004/06/40 40 52
-	103	Float\$3 near2 guard\$3 near2 ring\$1	USPAT;	2004/06/18 10:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	Float\$3 near2 guard\$3 near2 ring\$1 with ligh\$2 with dop\$3	USPAT;	2004/06/18 10:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	1	Float\$3 near2 guard\$3 near2 ring\$1 same ligh\$2 with dop\$3	USPAT;	2004/06/18 10:53
_	1	1 loac\$3 fleat 2 guard\$3 fleat 2 filig\$1 same light\$2 with dop\$3	US-PGPUB;	200 1/00/10 10.55
			EPO; JPO;	
			DERWENT;	
İ			IBM_TDB	2004/06/40 40-54
-	0	Float\$3 near2 guard\$3 near2 ring\$1 with light\$2 with dop\$3	USPAT;	2004/06/18 10:54
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3	Float\$3 near2 guard\$3 near2 ring\$1 same light\$2 with	USPAT;	2004/06/18 10:56
		dop\$3	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	194	guard\$3 near2 ring\$1 same light\$2 with dop\$3	USPAT;	2004/06/18 10:56
			US-PGPUB;	
1			EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
	109	guard\$3 near2 ring\$1 with light\$2 with dop\$3	USPAT;	2004/06/28 16:23
1 -	109	guarupo nearz migat with lightez with dopao	US-PGPUB;	200 1, 00, 20 10.25
		· ·	EPO; JPO;	
			DERWENT;	
		110 0 1 11 11 11 11 12	IBM_TDB	2004/06/20 44:02
-	72	guard\$3 near2 ring\$1 with light\$2 near dop\$3	USPAT;	2004/06/28 14:02
			US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	
-	77	guard\$3 near2 ring\$1 with light\$2 near3 dop\$3	USPAT;	2004/06/28 16:16
			US-PGPUB;	}
i			EPO; JPO;	
			DERWENT;	
			IBM_TDB	,
-	2	5994720.URPN.	USPAT	2004/06/28 14:22
1_	3	("4837607"   "5051801"   "5698874").PN.	USPAT	2004/06/28 14:22
1_	5		USPAT	2004/06/28 15:36
L <u></u>	1 5	5032878.URPN.	UJFAI	2007/00/20 15:30

- 5 | 5032878.URPN.
Search History 7/17/04 3:18:33 PM Page 7

1					
- 0 (("5969400").PN.) and (depleted same "52") USPAT; US-RGPUB; EPO, IPO, DERWENT; IBM, TDB USPAT; US-RGPUB; EPO, IPO, IPO, DERWENT; IBM, TDB USPAT; US-RGPUB; EPO, IPO, IPO, DERWENT; IBM, TDB USPAT; US-RGPUB; EPO, IPO, IPO, DERWENT; IBM, TDB USPAT; US-RGPUB; EPO, IPO, IPO, IPO, IPO, DERWENT; IBM, TDB USPAT; US-RGPUB; EPO, IPO, IPO, IPO, IPO, IPO, IPO, IPO, I	<b>-</b>	1	"4573066".PN.	USPAT	
- 0 (("5969400").PN.) and (depleted same "52") US-FGPUB, EPO, JPO, DERWENT, IBM, TDB USPAT; USP-FGPUB, EPO, JPO, DERWENT, IBM, TDB USP-FGPUB, EPO, JPO, DERWENT, IBM, TDB USP-FGPUB, EPO, JPO, DERWENT, IBM, TDB USP-FGPUB, EPO, JPO, DERWENT, IBM, TDB USP-FGPUB, EPO, JPO, DERWENT, IBM, TDB USP-FGPUB, EPO, JPO, DERWENT, IBM, TDB USP-FGPUB, EPO, JPO, DERWENT, IBM, TDB USP-FGPUB, EPO, JPO, DERWENT, IBM, TDB USP-FGPUB, EPO, JPO, DERWENT, IBM, TDB USP-FGPUB, EPO, JPO, DERW	-	3	("4377816"   "5101244"   "5162876").PN.	USPAT	2004/06/28 15:59
- 0 (("5969400").PN.) and (depleted same "52")	-	3	("5969400").PN.	USPAT;	2004/06/28 16:12
DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG, JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO				US-PGPUB;	
DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG, JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPG; JPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO					
BM_TDB   2004/06/28 16:13   EPO_IPO_DERWENT; US-PGPUB; EPO_IPO_IPO_IPO_IP					
Control of the cont			·		
US-PGPUB; EPO, JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO;	_	ا م	(("5060400") DN ) and (depleted same "52")		2004/06/28 16:13
Company	-	"	(( 3303400 ).FN.) and (depicted same 32 )		2004/00/20 10:13
- 0 (("5969400").PN.) and (deplet\$3 same "52")   DERWENT; IBM_TDB USPAT; US-FGPUB; EPO; JPO; DERWENT; IBM_TDB					
IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-					
Continue					
- 32 guard\$3 near2 ring\$1 with light\$2 with dop\$3 not (guard\$3 LUSPAT; LUSPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 LUSPAT; LUSPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; LUSPGPUB; EPO; JPO; DERWENT; LUSPGP					
- 32 guard\$3 near2 ring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 with dop\$3)	-	0	(("5969400").PN.) and (deplet\$3 same "52")		2004/06/28 16:13
- 32 guard\$3 near2 ring\$1 with light\$2 with dop\$3 not (guard\$3   USPAT; US-PGPUB; PPO; IPO; DERWENT; IBM_TDB USPAT; US-PGPUB; PPO; IPO; IPO; IPO; IPO; IPO; IPO; IPO					
32   guard\$3 near2 ring\$1 with light\$2 with dop\$3 not (guard\$3   LSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; JPO; DERWENT; EPO; JPO				EPO; JPO;	
32   guard\$3 near2 ring\$1 with light\$2 with dop\$3 not (guard\$3   LSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; JPO; DERWENT; EPO; JPO				DERWENT;	
USPAT;   U					
Near2 ring\$1 with light\$2 near3 dop\$3	_	32	guard\$3 near2 ring\$1 with light\$2 with dop\$3 not (guard\$3		2004/06/28 17:06
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PAT; US-PGP		52			
- 33 guard\$3 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 with dop\$3)  - 137 guard\$3 and BALIGA  - 137 guard\$3 and BALIGA  - 2 ("5637898").PN.  - 2 ("5637898").PN.  - 2 ("5612567").PN.  - 3 guardring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$3 with light\$3 with light\$3 with light\$3 with light\$3 with light\$3 with light\$3 with light\$3 with light\$3 with light\$3 with light\$3 with light\$3 with light\$3 with li			Tical 2 Till g   Tical 3 dop   3		
BM_TDB					'
- 33 guard\$3 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USP		1			
With light\$2 with dop\$3   US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO;					2004/06/20 46:56
- 137 guard\$3 and BALIGA   EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PG	-	33			200 <del>4</del> /06/28 16:56
- 137 guard\$3 and BALIGA			with light\$2 with dop\$3)		
- 137 guard\$3 and BALIGA					
- 137 guard\$3 and BALIGA				DERWENT;	· ·
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO;				IBM_TDB	
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO;	_	137	guard\$3 and BALIGA	USPAT;	2004/06/28 16:57
- 2 ("5637898").PN.   EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; USPGPUB; EPO; JPO; D					
- 2 ("5637898").PN.  - 2 ("5612567").PN.  - 2 ("5612567").PN.  - 116 guardring  - 3 guardring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 near3 dop\$3)  - 144 doping near3 zero  - 144 net near dop\$3 near3 zero  - 15637898").PN.  - 2 ("5637898").PN.  - 2 ("5612567").PN.  - 3 guardring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 near3 dop\$3)  - 2 ("5612567").PN.  - 3 guardring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 near3 dop\$3)  - 3 guardring\$1 with light\$2 near3 dop\$3)  - 4 net near dop\$3 near3 zero  - 4 net near dop\$3 near3 zero  - 5 2 2 ("5612567").PN.  - 2 2 ("5612567").PN.  - 2 2 ("5612567").PN.  - 3 2 2004/06/28 17:06  - 3 2 2004/06/28 17:06  - 3 2 2004/06/28 17:06  - 3 2 2004/06/29 08:07  - 3 2 2004/06/29 08:08  - 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					
18M_TDB					
- 2 ("5637898").PN. USPAT; US-PCPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PCPUB; EPO; JPO; DERWENT, IBM_TDB USPAT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO; JPO; DERWENT; US-PCPUB; EPO;					
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; DERWENT; US-PGPUB; EPO; DERWENT; US-PGPUB; EPO; DERWENT; US-PGPUB; EPO; DERWENT; US-PGPUB; EPO; DERWENT; US-PGPUB; EPO; DERWEN		)	("5637808") DN		2004/06/28 16:58
- 2 ("5612567").PN.	-	_	( 3037030 J.FN.	1	2001/00/2010.50
- 116 guardring					
- 2 ("5612567").PN.   IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO;			·		
- 2 ("5612567").PN. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWE					
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; IS-PGPUB;	]		(IIEC40EC7II) PM		2004/06/20 47:06
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	-	2	("5612567").PN.		2004/06/28 17:06
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO;					
- 116 guardring   IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO;				, , ,	
- 116 guardring					
- 3 guardring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 near3 dop\$3)  - 144 doping near3 zero  4 net near dop\$3 near3 zero  US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;					
- 3 guardring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 near3 dop\$3)  - 144 doping near3 zero  4 net near dop\$3 near3 zero  EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	-	116	guardring		2004/06/28 17:06
- 3 guardring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 near3 dop\$3)  - 144 doping near3 zero  4 net near dop\$3 near3 zero  DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;					
- 3 guardring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 near3 dop\$3)  - 144 doping near3 zero  4 net near dop\$3 near3 zero  DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;				EPO; JPO;	
- 3 guardring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 near3 dop\$3)  - 144 doping near3 zero  4 net near dop\$3 near3 zero  IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWEN		1			
- 3 guardring\$1 with light\$2 with dop\$3 not (guard\$3 near2 ring\$1 with light\$2 near3 dop\$3)  - 144 doping near3 zero  4 net near dop\$3 near3 zero  3 guardring\$1 with light\$2 with dop\$3 not (guard\$3 near2 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;					
- 144 doping near3 zero  144 doping near3 zero  145 doping near3 zero  146 doping near3 zero  147 doping near3 zero  148 doping near3 zero  149 doping near3 zero  150 doping near3 zero  160 doping near3 zero  170 doping near3 zero  170 doping near3 zero  170 doping near3 zero  170 doping near3 zero  170 doping near3 zero  170 doping near3 zero  180 doping near3 zero  180 doping near3 zero  180 doping near3 zero  180 doping near3 zero  180 doping near3 zero  180 doping near3 zero  180 doping near3 zero  2004/06/29 08:08  2004/06/29 08:08  2004/06/29 08:08  2004/06/29 08:08  2004/06/29 08:08  2004/06/29 08:08	-	3	quardring\$1 with light\$2 with dop\$3 not (quard\$3 near2		2004/06/29 08:07
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;					
- 144 doping near3 zero			,31aaa. ash40)		
- 144 doping near3 zero					
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